

Figure 1



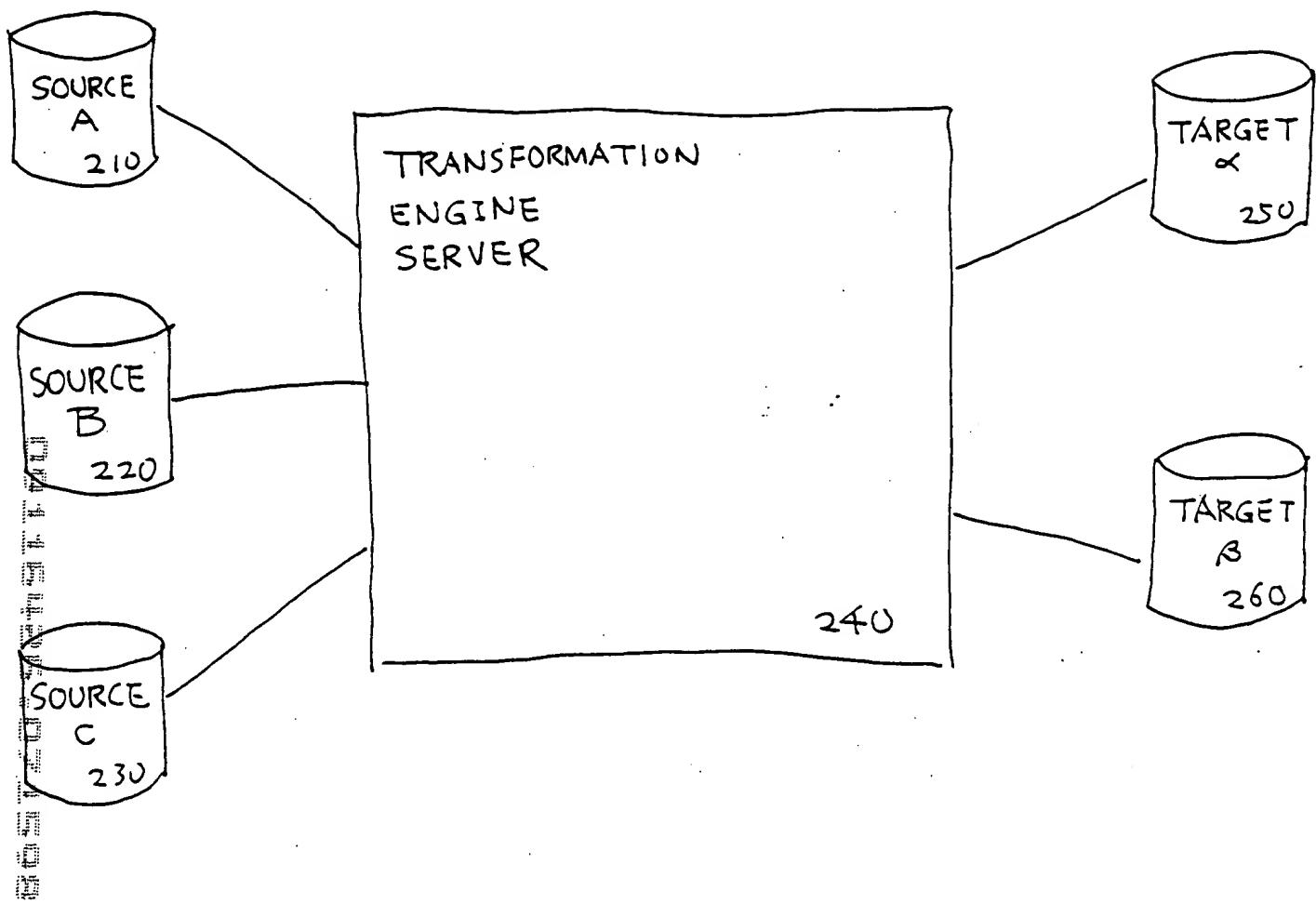


Figure 2

Figure 3A

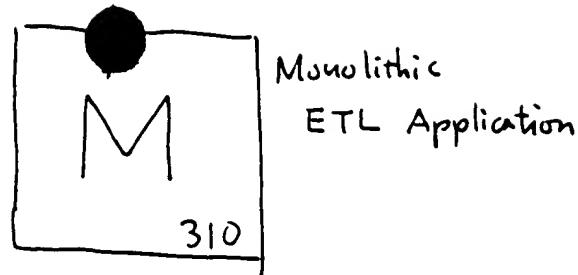


Figure 3B

DATA FLOW FROM FIGURE 3A

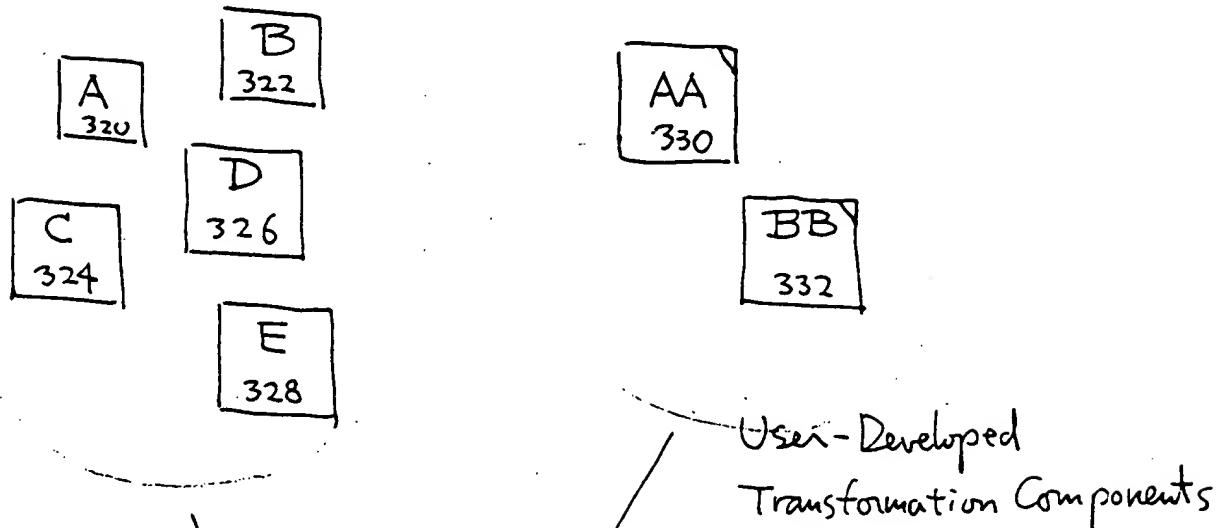
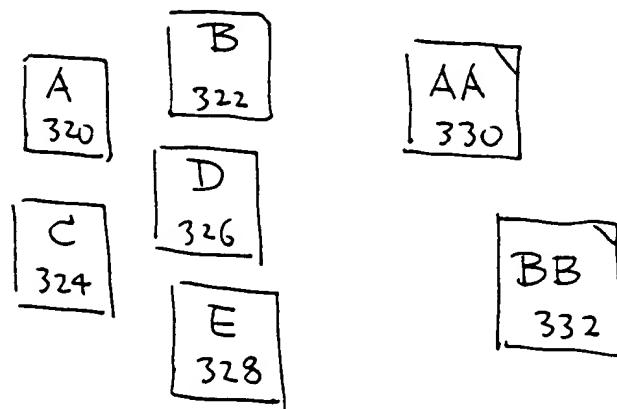
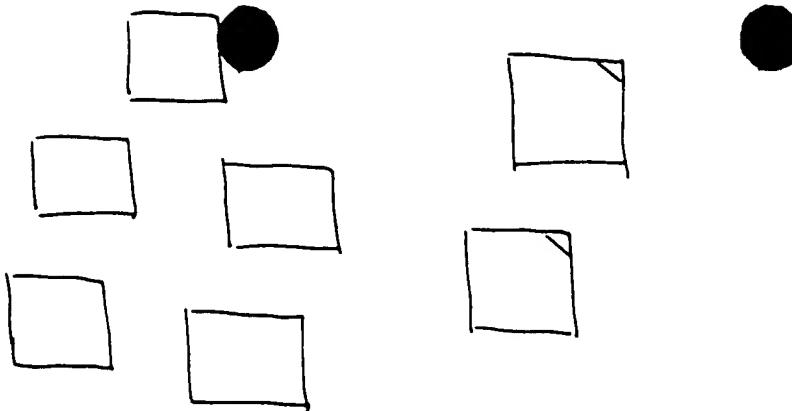


Figure 3C



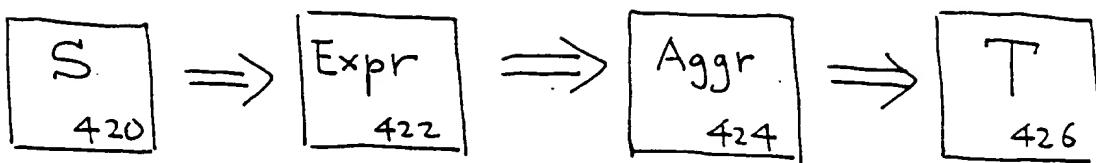
Extensible Set of Transformation Components

# EXTENSIBLE SET OF TRANSFORMATION COMPONENTS



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410



PIPELINE

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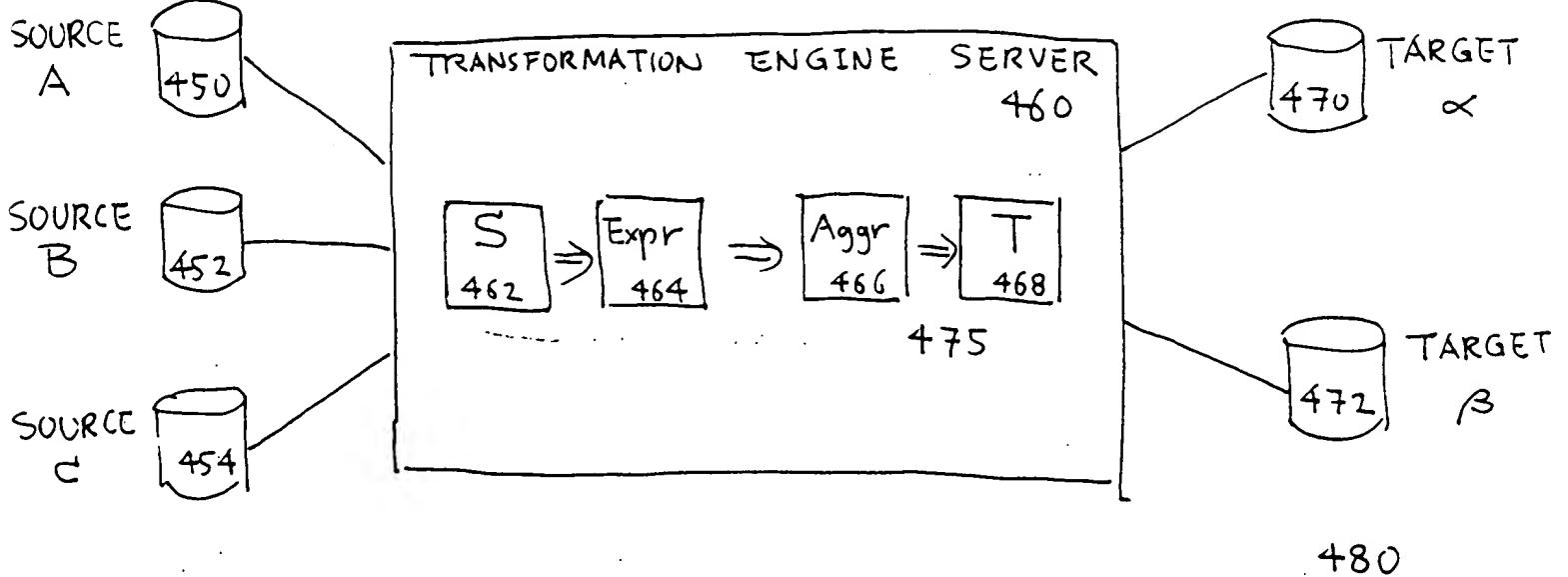
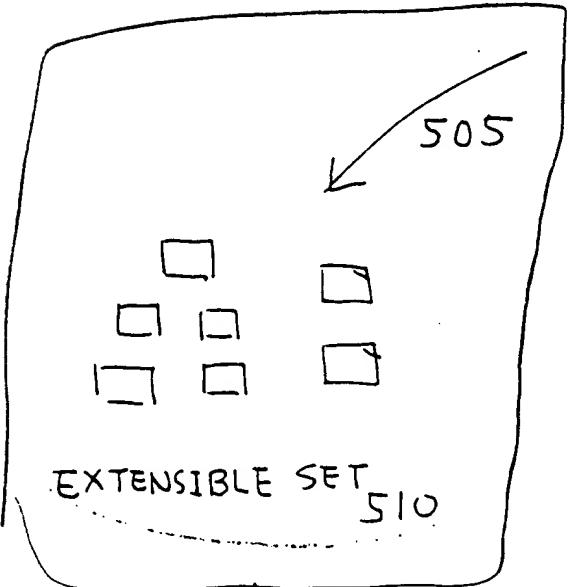


Figure 4

# HUMAN INSIGHT



500

SOURCE

CODE MAINTENANCE & ADJUSTMENT

525

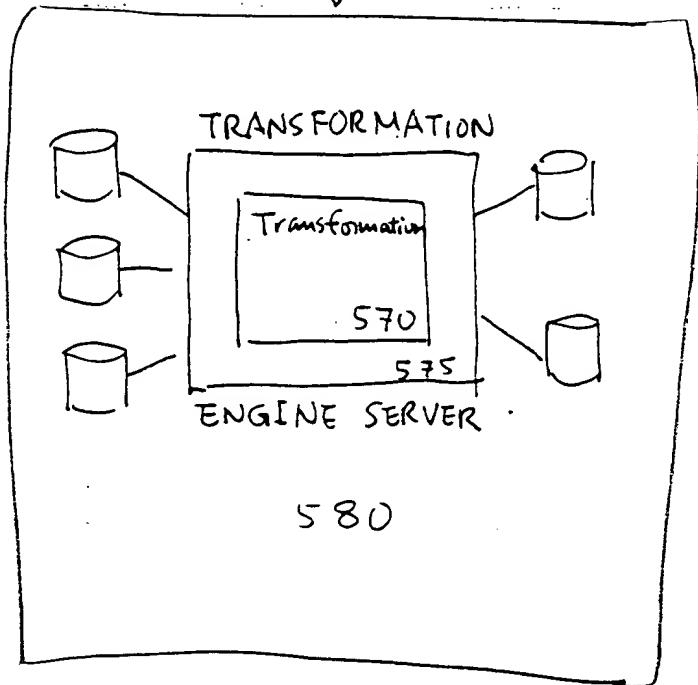
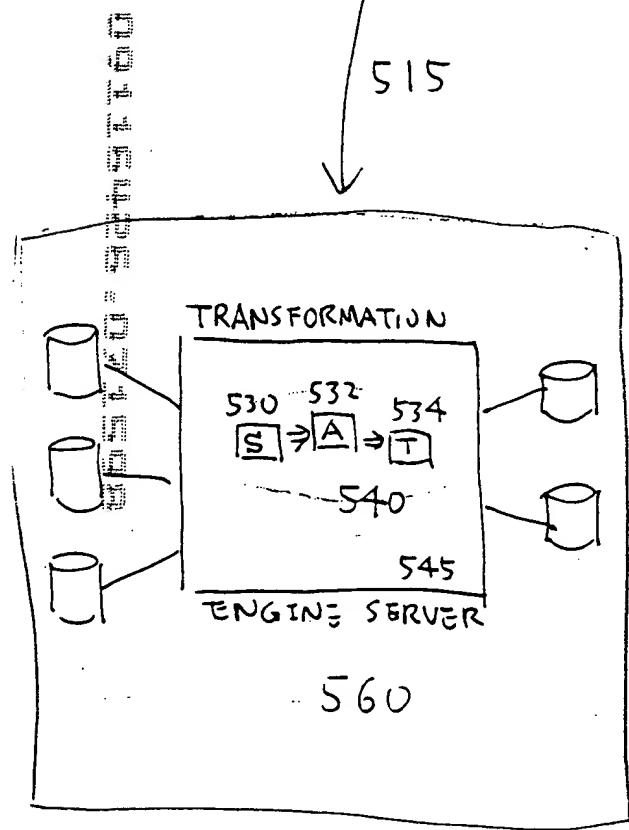


Figure 5

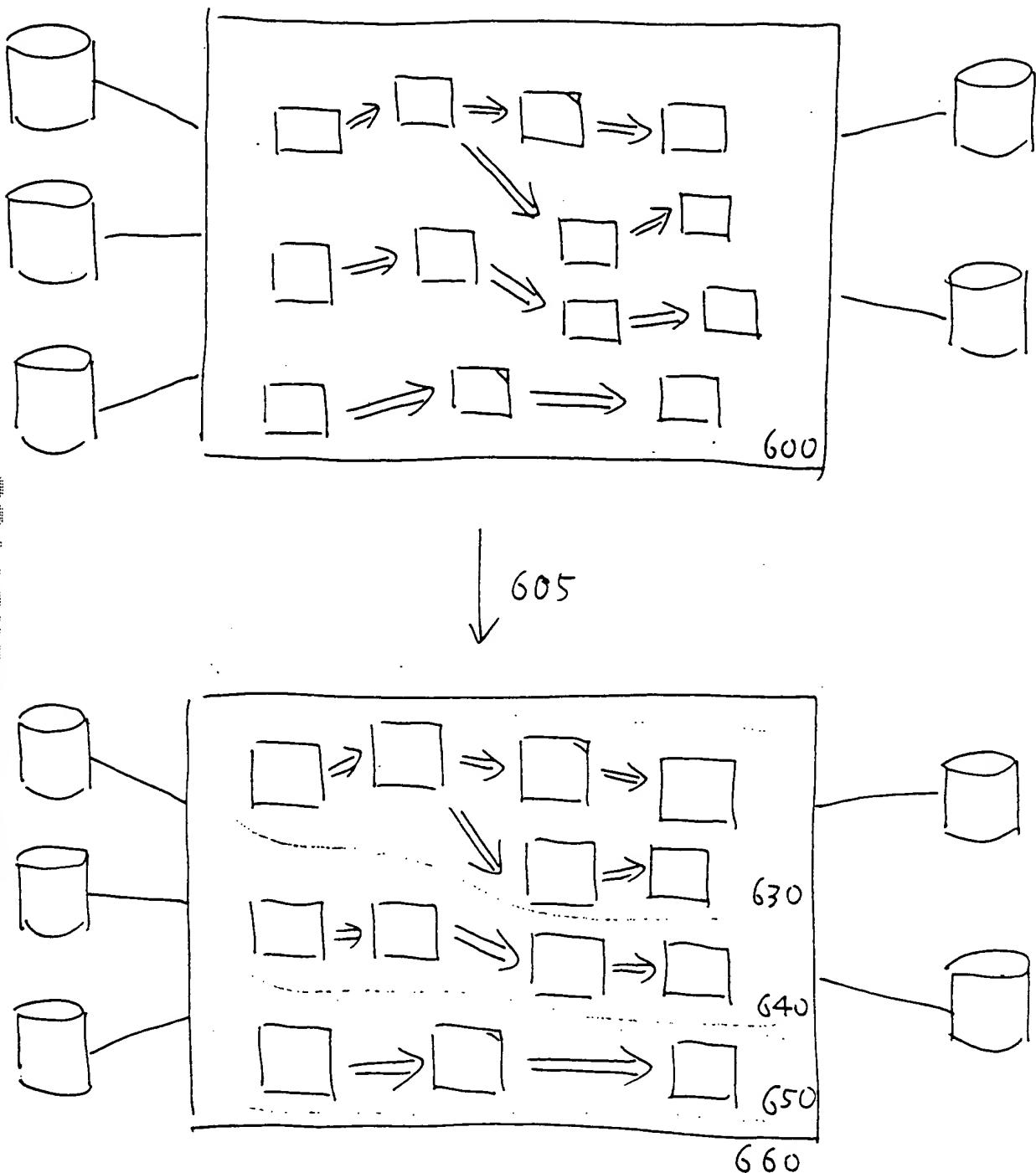
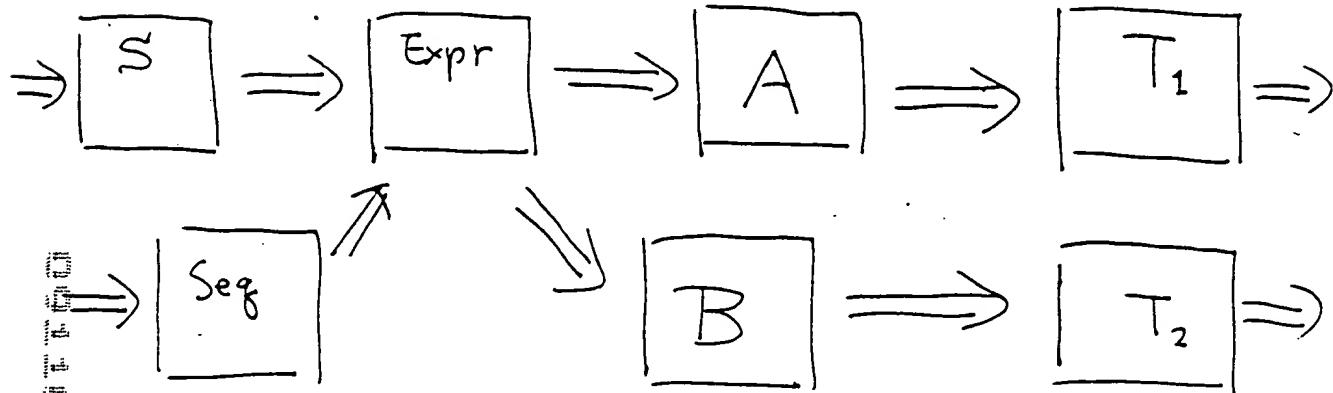
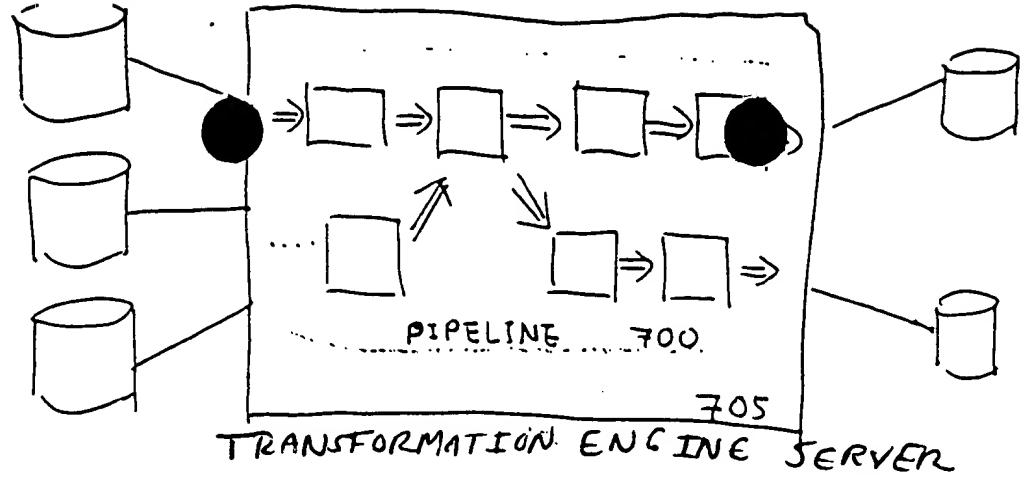
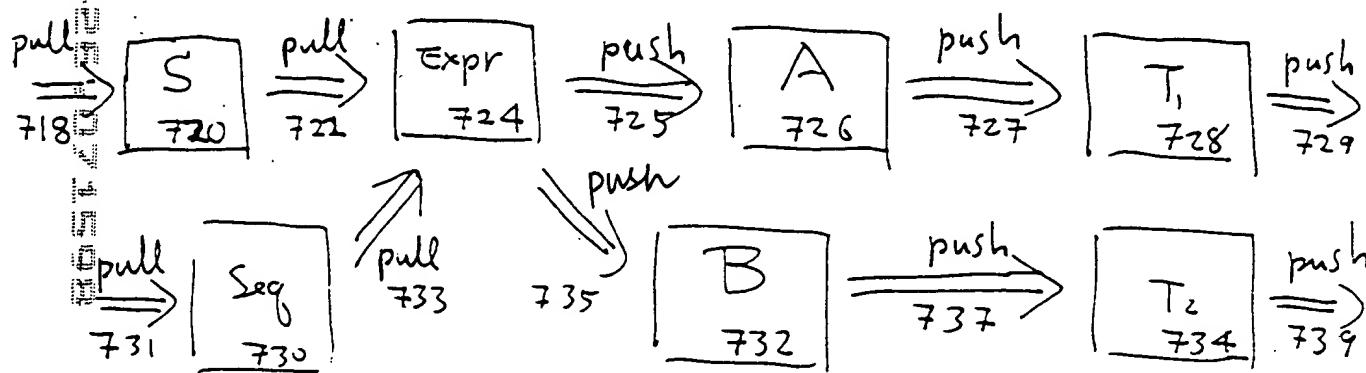


Figure 6



710



740

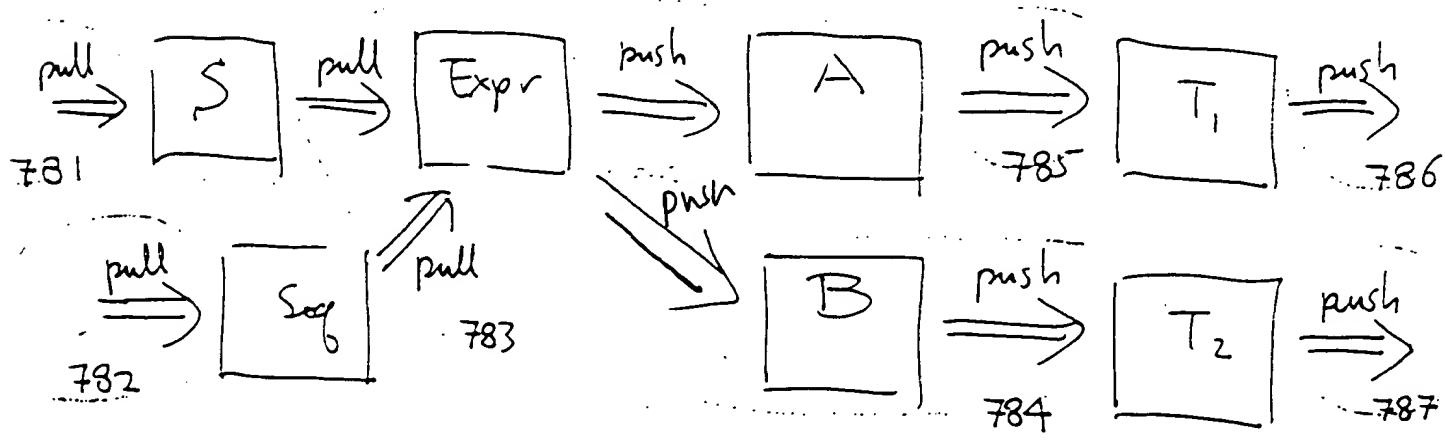


Figure 7

Manually choose the transformation components necessary to accomplish the data ETL process

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Manually arrange these transformation components sequentially to form a pipeline or pipelines

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The server automatically identifies the individual pipeline(s). This is the gross level of independent task(s) to be executed in parallel.

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For each pipeline, the server further establishes the mode of active data movement for each transformation component G within the pipeline according to the nature/functions of the transformation desired

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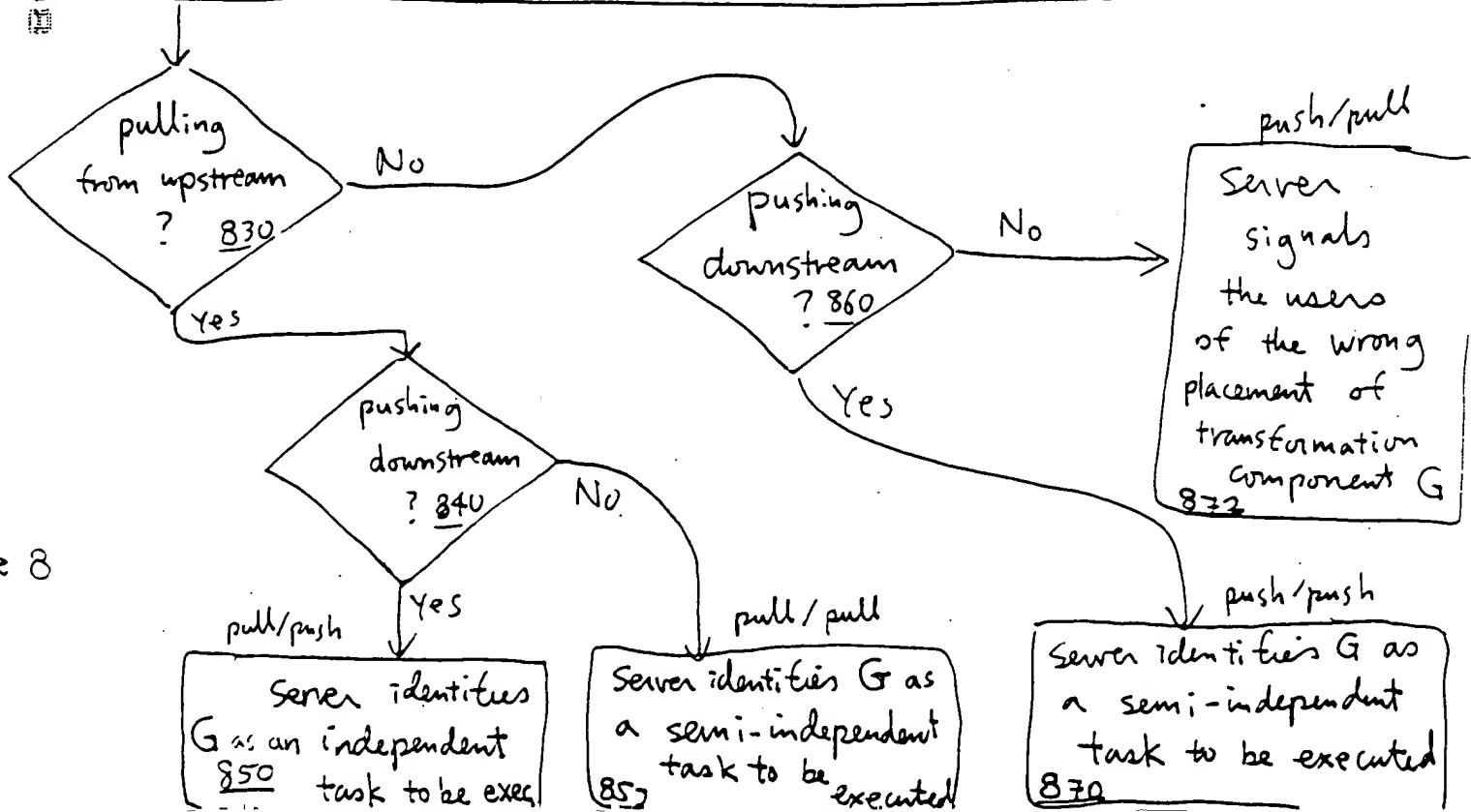


Figure 8

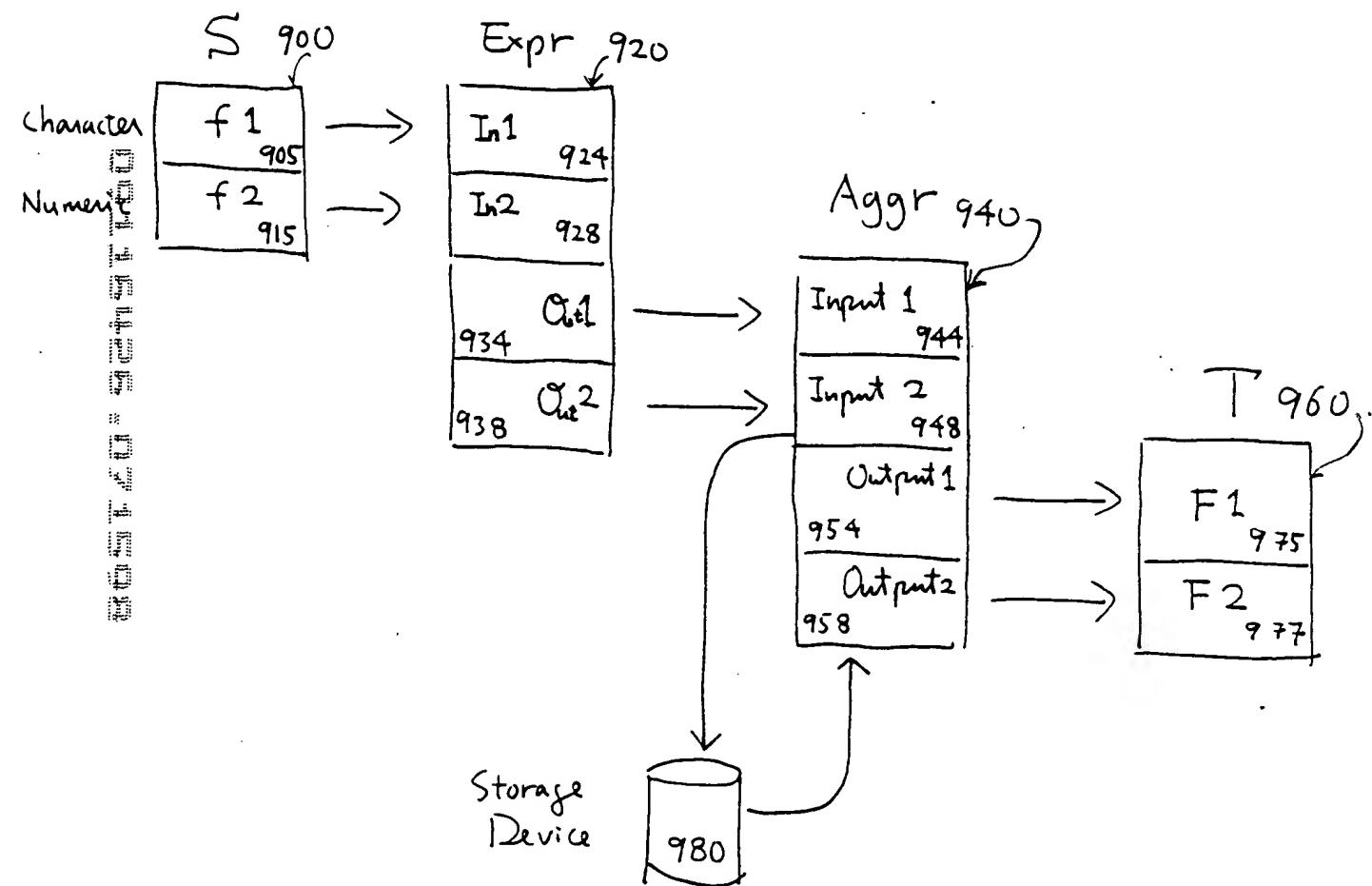
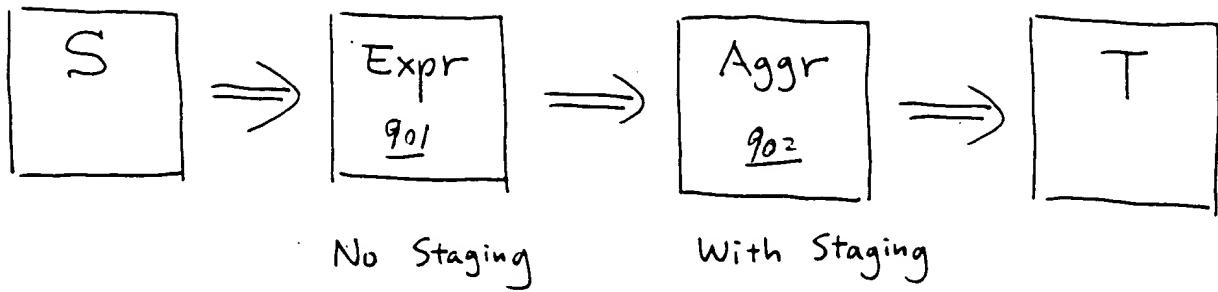


Figure 9